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| INFORMATION DISCLOSURE CITATION IN AN APPLICATION Form PTO-1449 | Docket Number | Application Number |
| | 042846-0312967 | 10/736,848 |
| | Applicant(s) | |
| | Carl Joseph KRAENZEL | |
| | Filing Date | Group Art Unit |
| | December 17, 2003 | 2151 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|--------------|------------|----------------------------|-------|----------|----------------------------------|
| | 1A | 4,744,028 | 05/10/1988 | Karmarkar | 364 | 402 | |
| | 1B | 5,740,549 | 04/14/1998 | Reilly <i>et al.</i> | 705 | 14 | |
| | 1C | 5,761,512 | 06/02/1998 | Breslau <i>et al.</i> | 395 | 705 | |
| | 1D | 5,895,470 | 04/20/1999 | Pirolli <i>et al.</i> | 707 | 102 | |
| | 1E | 5,966,707 | 10/12/1999 | Van Huben <i>et al.</i> | 707 | 10 | |
| | 1F | 6,041,311 | 03/21/2000 | Chislenko <i>et al.</i> | 705 | 27 | |
| | 1G | 6,078,918 | 06/20/2000 | Allen <i>et al.</i> | 707 | 6 | |
| | 1H | 6,115,709 | 09/05/2000 | Gilmour <i>et al.</i> | 707 | 9 | |
| | 1I | 6,144,944 | 11/07/2000 | Kurtzman, II <i>et al.</i> | 705 | 14 | |
| | 1J | 6,154,783 | 11/28/2000 | Gilmour <i>et al.</i> | 709 | 245 | |
| | 1K | 6,205,472 | 03/20/2001 | Gilmour | 709 | 206 | |
| | 1L | 6,208,994 | 03/27/2001 | Abdelnur | 707 | 103 | |
| | 1M | 6,226,648 | 05/01/2001 | Appleman <i>et al.</i> | 707 | 102 | |
| | 1N | 6,240,466 | 05/29/2001 | McKeehan <i>et al.</i> | 709 | 316 | |
| | 1O | 6,269,369 | 07/31/2001 | Robertson | 707 | 10 | |
| | 1P | 6,349,295 | 02/19/2002 | Tedesco <i>et al.</i> | 707 | 3 | |
| | 1Q | 6,353,840 | 03/05/2002 | Saito <i>et al.</i> | 707 | 517 | |
| | 1R | 6,377,949 | 04/23/2002 | Gilmour | 707 | 10 | |
| | 1S | 6,377,983 | 04/23/2002 | Cohen <i>et al.</i> | 709 | 217 | |
| | 1T | 2002/0049621 | 04/25/2002 | Bruce | 705 | 7 | |
| | 1U | 2002/0049750 | 04/25/2002 | Venkatram | 707 | 3 | |
| | 1V | 6,397,203 | 05/28/2002 | Hembry | 707 | 2 | |
| | 1W | 6,405,197 | 06/11/2002 | Gilmour | 707 | 5 | |

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|--|-----|--------------|------------|---------|-------|----------|--------------|----|
| | | | | | | | YES | NO |
| | 1X | 1 087 306 | 03/28/2001 | Europe | | | | |
| | 1Y | 1 143 356 | 10/10/2001 | Europe | | | | |

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| | 1Z | MAYBURY <i>et al.</i> , "Expert Finding for Collaborative Virtual Environments", <u>Communications of the ACM</u> , Vol. 44, No. 12, December 2001, pages 1, 2, 55, 56. |
| | 1AA | MATTOX <i>et al.</i> , "Enterprise Expert and Knowledge Discovery", <u>Proceedings of the International Conference on Human Computer Interaction Conference</u> , August 23-27, 1999, Munich, Germany, 11 pages. |
| | 1BB | "Automated Expertise Profiling Saves Time", http://www.tacit.com/products/profiling.html , printed 1/9/02, 3 pages. |
| | 1CC | "KnowledgeMail", http://www.tacit.com/products/knowledgemail.html , printed 1/9/02, 3 pages. |

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| | 2A | 2002/0078003 | 06/20/2002 | Krysiak <i>et al.</i> | 707 | 1 | |
| | 2B | 2002/0087600 | 07/04/2002 | Newbold | 707 | 514 | |
| | 2C | 6,421,669 | 07/16/2002 | Gilmour <i>et al.</i> | 707 | 9 | |
| | 2D | 2002/0107861 | 08/08/2002 | Clendinning <i>et al.</i> | 707 | 101 | |
| | 2E | 2002/0111934 | 08/15/2002 | Narayan | 707 | 1 | |
| | 2F | 2002/0152244 | 10/17/2002 | Dean <i>et al.</i> | 707 | 530 | |
| | 2G | 6,513,039 | 01/28/2003 | Kraenzel | 707 | 9 | |
| | 2H | 6,516,350 | 02/04/2003 | Lumelsky <i>et al.</i> | 709 | 226 | |
| | 2I | 2003/0028525 | 02/06/2003 | Santos <i>et al.</i> | 707 | 3 | |
| | 2J | 6,523,026 | 02/18/2003 | Gillis | 707 | 3 | |
| | 2K | 6,553,365 | 04/22/2003 | Summerlin <i>et al.</i> | 707 | 2 | |
| | 2L | 6,560,588 | 05/06/2003 | Minter | 706 | 50 | |
| | 2M | 6,564,217 | 05/13/2003 | Bunney <i>et al.</i> | 707 | 10 | |
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| | 2O | 2003/0105732 | 06/05/2003 | Kagalwala <i>et al.</i> | 707 | 1 | |
| | 2P | 2003/0126583 | 07/03/2003 | Cho <i>et al.</i> | 717 | 104 | |
| | 2Q | 6,604,110 | 08/05/2003 | Savage <i>et al.</i> | 707 | 102 | |
| | 2R | 2003/0154212 | 08/14/2003 | Schirmer <i>et al.</i> | 707 | 103 | |
| | 2S | 6,626,957 | 09/30/2003 | Lippert <i>et al.</i> | 715 | 513 | |
| | 2T | 6,633,916 | 10/14/2003 | Kauffman | 709 | 229 | |
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| | 2X | "Expertise Discovery & Search", http://www.tacit.com/products/espdiscovery.html , printed 1/9/02, 2 pages. |
| | 2Y | VIVACQUA, Adriana, <i>et al.</i> , "Agents to Assist in Finding Help", <u>Conference on Human Factors & Computing Systems Proceedings</u> , in the Hague, the Netherlands, April 2000, pages 65-72. |
| | 2Z | TACIT, KnowledgeMail & KnowledgeMail Plus, "Creating the Smarter Enterprise" (Tacit Knowledge Systems, Inc., © May 2001). |
| | 2AA | http://www.forbes.com/global/2001/0205/088_print.html , as it appears on 26 February 2001. |

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| | 3A | 6,687,873 | 02/03/2004 | Ballantyne <i>et al.</i> | 715 | 500 | |
| | 3B | 6,697,800 | 02/24/2004 | Jannink <i>et al.</i> | 707 | 5 | |
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| | 3F | 6,732,331 | 05/04/2004 | Alexander | 715 | 513 | |
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| | 3I | 6,754,648 | 06/22/2004 | Fittges <i>et al.</i> | 707 | 1 | |
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| | 3L | 6,801,940 | 10/05/2004 | Moran <i>et al.</i> | 709 | 224 | |
| | 3M | 2004/0205548 | 10/14/2004 | Bax <i>et al.</i> | 715 | 513 | |
| | 3N | 6,816,456 | 11/09/2004 | Tse-Au | 370 | 230.1 | |
| | 3O | 6,832,224 | 12/14/2004 | Gilmour | 707 | 100 | |
| | 3P | 6,836,797 | 12/28/2004 | Givoly <i>et al.</i> | 709 | 223 | |
| | 3Q | 6,996,589 | 02/07/2006 | Jayaram <i>et al.</i> | 707 | 204 | |
| | 3R | 7,043,698 | 05/09/2006 | Newbold | 715 | 789 | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | 3S | McDONALD, David W., "Evaluating Expertise Recommendations", <u>Proceedings of the 2001 International ACM SIGGROUP Conference on Supporting Group Work</u> , in Boulder, Colorado, 2 October 2001, pages 214-223. | | | | | |
| | 3T | http://www.tacit.com , as it appears on 7 December 2000. | | | | | |
| | 3U | WANG, Jidong, <i>et al.</i> , "Ranking User's Relevance to a Topic Through Link Analysis on Web Logs", <u>Proceedings of the 4th International Workshop on Web Information and Data Management</u> in McLean, Virginia, ACM Press, 8 November 2002, pages 49-54. | | | | | |

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